

Math Tools

- Double-Six Dominoes
- or
- Cardstock Copies of Double-Six Dominoes

Math Vocabulary

twenty-eight	denominator
set	ones
add	tens
sum	pips
difference	stones
factor	bones
product	men
fewest	blank
most	deck
equal	pack
range	
numerator	

Mathematical Intent

The exploration of the range of quantities on the dominoes is essential for all included mathematical games, puzzles and practice that will be done with these as tools.

Math Music

“Number Party”
Rock Your Math Class

“Counting to 10”
Ready! Set! Math!

Double-Six Dominoes

There are many different kinds of dominoes. They are actually quite fun to collect! Most of the activities in this book will be designed for double-six dominoes. In a set of double-six dominoes, there are 28 pieces. The dots on the dominoes and on dice are called pips. The fewest number of pips on a domino in a set is zero and the most is 12.

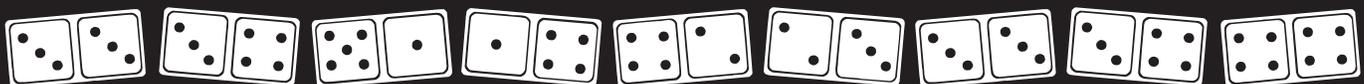
If the classroom does not have sets of dominoes for student use, the master found on page 7 can be run on cardstock and cut apart.

When students are using the dominoes, it is essential that time is given to exploration of this tool prior to playing a game or an activity. Students will be encouraged to sort the dominoes to determine the range of the pips on each domino.

To encourage the exploration of the dominoes, calming background music should be played. I love the song “Count on Me” by Bruno Mars. After students have explored, the teacher can write the word “Discoveries” on the chalkboard. Students will share what they learned about the dominoes by playing and exploring with the dominoes. They will be encouraged to share the fewest number of pips, the greatest amount of pips, and the totals between the fewest and the most. Students will be encouraged to share the difference between the two halves on each domino along with the products.

The teacher can also share how to use the dominoes as tens and ones by placing the dominoes horizontally. There is a magic moment that will occur when students compare the difference between the two two-digit numbers. That will come later in this book.

The dominoes can also be used to make proper or improper fractions by placing them vertically. There are many different options to using double-six dominoes.





Double-Six Dominoes

